

Application Serial No. 10/572,901  
Reply to office action of February 4, 2008

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APR 17 2008 Docket: CU-4701

**Amendments To The Abstract**

**Clean Version**

Please replace the Abstract of the Disclosure with the following paragraph:

Provided are a voltage controlled digital analog oscillator and a frequency synthesizer using the same, the oscillator comprising an oscillator having a frequency of an output signal being determined by a voltage inputted to an analog input end and a digital value inputted to a digital input end; and a digital tuner for comparing the voltage inputted to the analog input end to first and second threshold voltages and changing the digital value inputted to the digital input end according to the result, whereby it is possible to obtain a broadband frequency output with less noise.